

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kazutaka OKAMOTO ET AL.

Serial No.: Not Yet Assigned

Filed: December 21, 2001

Title: COOLING PLATE AND MANUFACTURING METHOD THEREOF, AND
SPUTTERING TARGET AND MANUFACTURING METHOD THEREOF

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Please amend this application as follows prior to
examination. A version of the amended claims with markings to
show the changes made is attached to this Reply.

Please substitute the Abstract of the Disclosure
attached to this preliminary amendment for that appearing on page
47 of the application.

Please amend [✓]claims [✓]1-19, [✓]21, and [✓]23 as follows prior to
examination.

1. (Amended) A cooling plate comprising a groove, which
becomes a passage of a coolant, inside a body thereof, wherein
the groove is covered with a lid with a width larger than the
groove, the lid is joined to the body by friction stir welding,
and a weld bead formed by the joining are outside the passage.

2. (Amended) A cooling plate comprising grooves of a
closed passage, which become a plurality of independent passages

N. Geron
#5/1st
amendment
7/2/2002

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